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NEW MEXICO NORMAL UNIVERSITY BULLETIN, no. 62, cover date November, Bulletin date April, 1919: *An experiment in the teaching of mathematics to high school students* by T. G. Rodgers, 8 pages + cover. [Portrait of author, cover 2. Note by President F. H. H. Roberts, page 1: "Believing that there could be an improvement in the method of presenting mathematics to high school pupils, Professor Rodgers undertook an experiment that is outlined in these pages. The results have been more than satisfactory to the administration. Correspondence and criticisms are solicited." Page 2: "President Roberts, in compliance with your request for information in regard to the experimental work in the teaching of secondary mathematics which the Department of Mathematics has been carrying on for the past five years, I submit the following report:

"An effort to add a mite to the solution of these four problems has been attempted: 1. to vitalize the teaching of secondary mathematics; 2. to reduce the large number of failures in mathematics; 3. to vitalize mathematical reviews; and 4. to make the examination test and reward ability without being unjust to the faithful plodder."]

NINETEENTH CENTURY AND AFTER, volume 86, December, 1919: "The new theory of gravity" by O. J. Lodge, 1189-1201.

NOUVELLES ANNALES DE MATHÉMATIQUES, volume 78, July, 1919: "Sur quelques courbes associées à une classe d'hélices cylindriques" by M. Egan, 241-248; "Concours d'agrégation de 1913. Solution de la question de mécanique" by M. de Sparre, 248-268; "Certificats de Licence (Marseille, mars 1919,)" 269-276; "Questions and solutions," 277-280.

PROCEEDINGS OF THE AMERICAN ACADEMY OF ARTS AND SCIENCES, volume 55, no. 2, December, 1919: "The functional relation of one variable to each of a number of correlated variables determined by a method of successive approximation to group averages: a contribution to statistical methods" by G. F. McEwen and E. L. Michael with an introduction: "A step forward in the methodology of natural science" by W. E. Ritter, 91-133, + 2 tables. [The paper was presented in abstract before the San Francisco section of the American Mathematical Society in 1917.]

REVUE DES DEUX MONDES, November 1, 1919: "Au royaume de l'infiniment petit" by C. Nordmann, 214-225.

REVUE GÉNÉRALE DES SCIENCES PURES ET APPLIQUÉES, volume 30, October 15, 1919: "La mesure absolue de l'intensité du son" by A. G. Webster, 547-550; Review by P. Appell of G. Bouligand's *Cours de géométrie analytique* (Paris, 1919).

SCIENCE PROGRESS, volume 14, October, 1919: Recent advances in science—mathematics, 189-196; Reviews by P. E. B. Jourdain of J. B. Shaw's *Synopsis of Linear Associative Algebra* (Washington, 1907), T. R. Running's *Empirical Formulas* (New York, 1917), C. Davison's *Differential Calculus for Schools and Colleges* (London, 1919), and L. Silberstein's *Projective Vector Algebra: an Algebra of Vectors independent of the Axioms of Congruence and of Parallels* (London, 1919), 340-343; Review by H. S. Jones of H. Jacoby's *Navigation*, second edition, (New York, Macmillan, 1918) and of G. L. Hosmer's *Textbook on Practical Astronomy* (New York, 1917), 343-344; Review by J. Rice of R. C. Tolman's *Theory of the relativity of motion* (Berkeley, 1918), 346-347.

AMERICAN DOCTORAL DISSERTATIONS.

S. W. Reaves, *Metric properties of flecnodes on ruled surfaces*, [Reprinted from *Giornale di Matematiche di Battaglini*, volume 55, 1917], 28 pp. + 1 page of errata; [the article was published without the author's correction having been inserted]. (Chicago, 1915.)

L. L. Thurstone, *The learning curve equation*, [Reprinted from *Psychological Monographs*, vol. 26, Princeton, N. J., 1919. 4 + 51 pp. (Department of Psychology, Chicago University, 1918.)